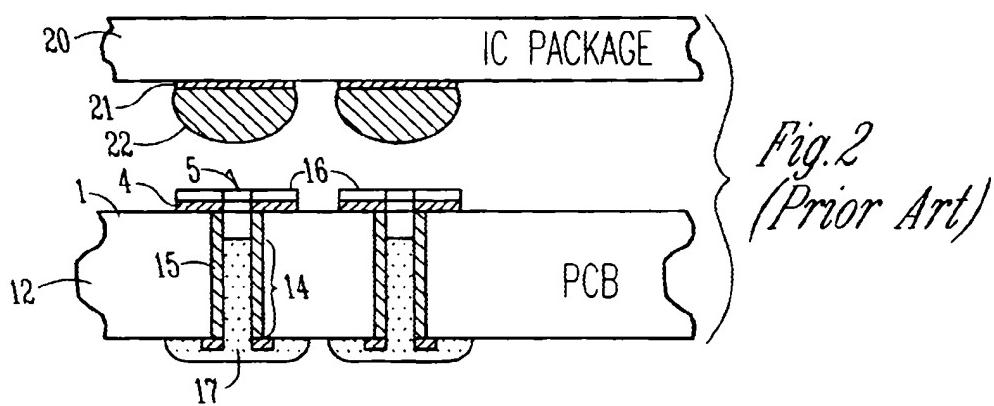
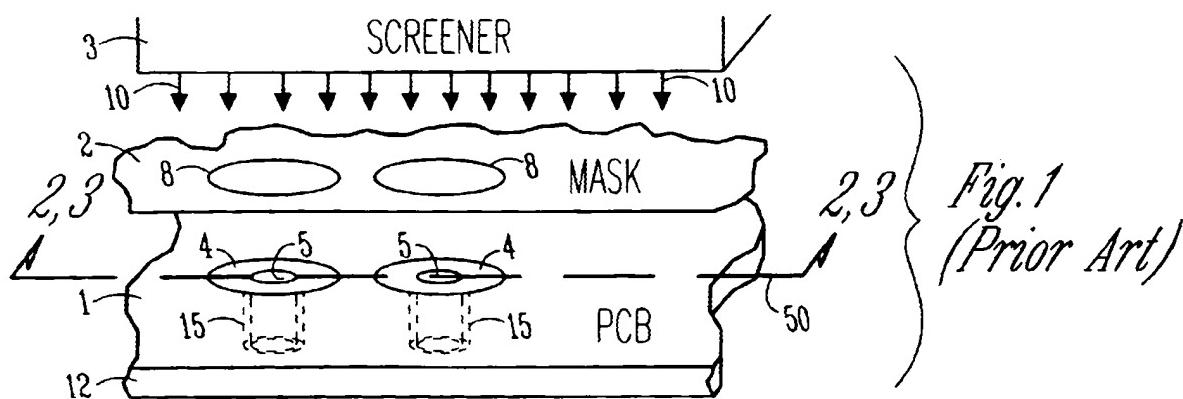


Approved STA 5/5/03

TITLE: VIA-IN-PAD WITH OFF-CENTER GEOMETRY  
INVENTORS NAME: Phil Geng et al.  
SERIAL NO.: 09/751,614



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TITLE: VIA-IN-PAD WITH OFF-CENTER GEOMETRY  
INVENTORS NAME: Phil Geng et al.  
SERIAL NO.: 09/751,614

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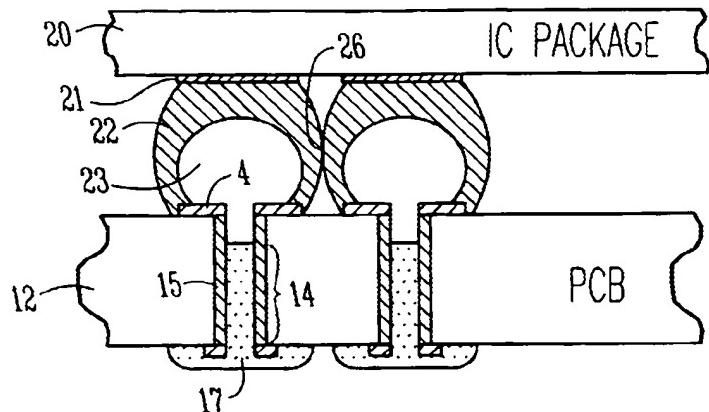
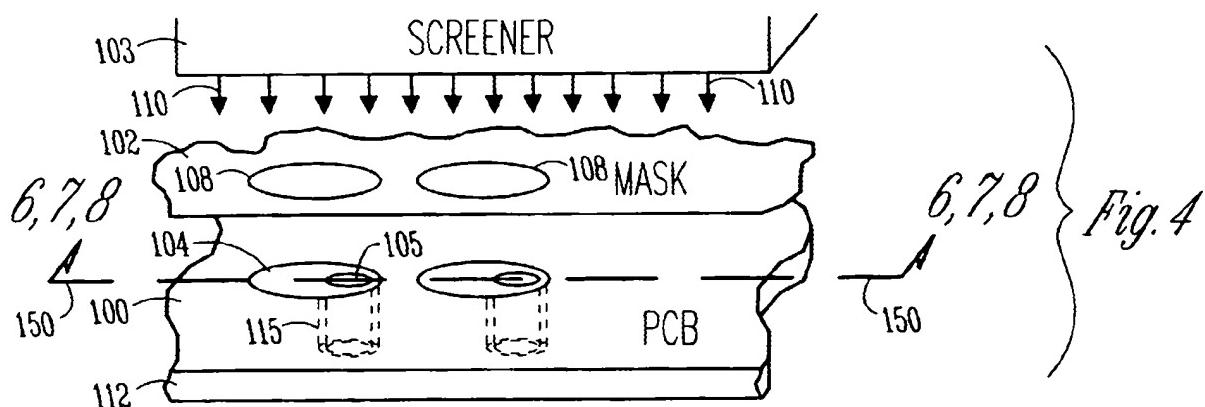


Fig. 3 (Prior Art)





TITLE: VIA-IN-PAD WITH OFF-CENTER GEOMETRY  
INVENTORS NAME: Phil Geng et al.  
SERIAL NO.: 09/751,614

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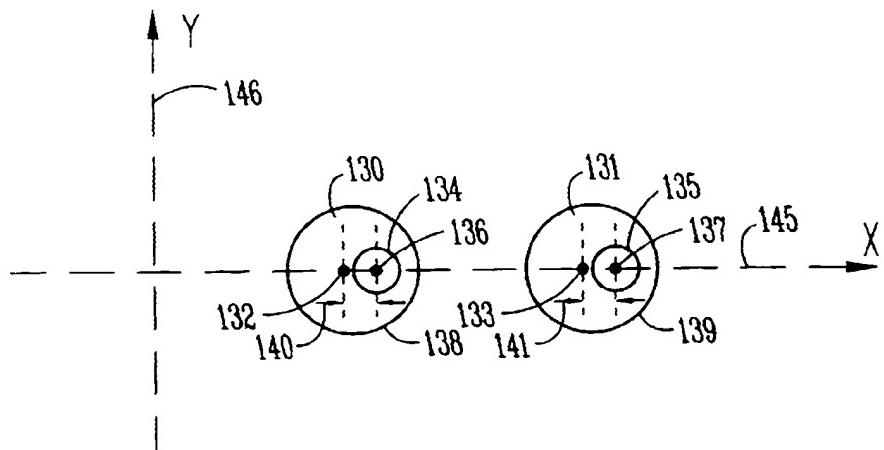
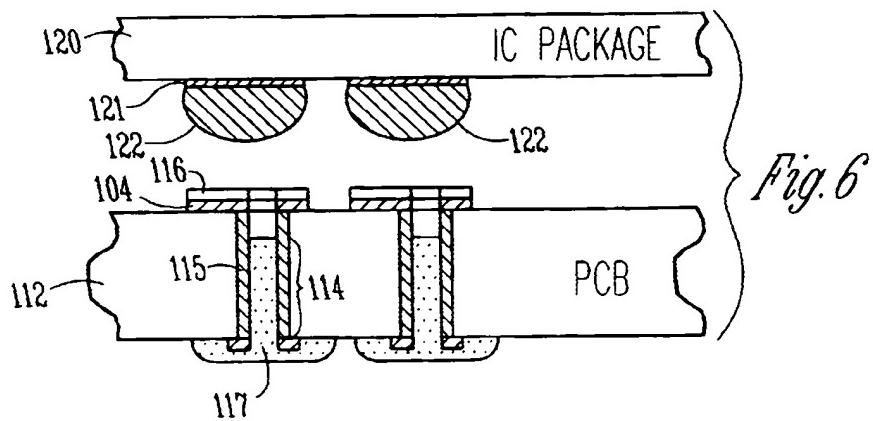


Fig. 5



Approved STA 7/1/03

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INVENTORS NAME: Phil Geng et al.  
SERIAL NO.: 09/751,614



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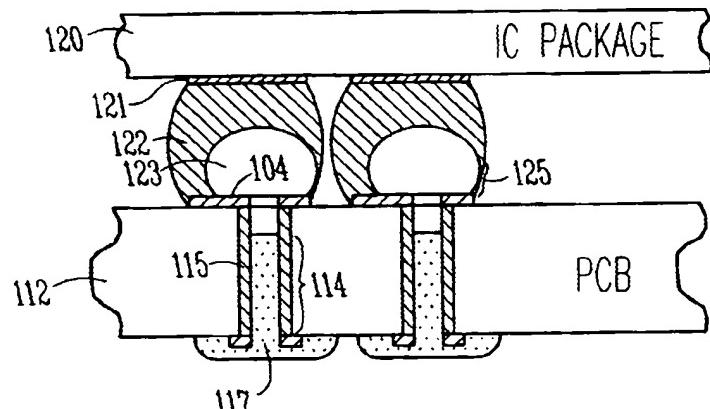


Fig. 7

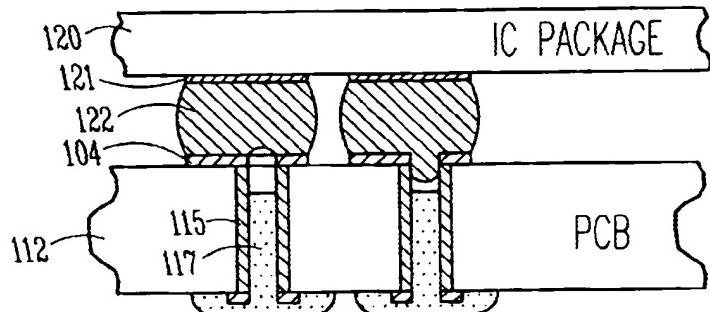


Fig. 8

Approved : HA -10/105

TITLE: VIA-IN-PAD WITH OFF-CENTER GEOMETRY  
INVENTORS NAME: Phil Geng et al.  
SERIAL NO.: 09/751,614



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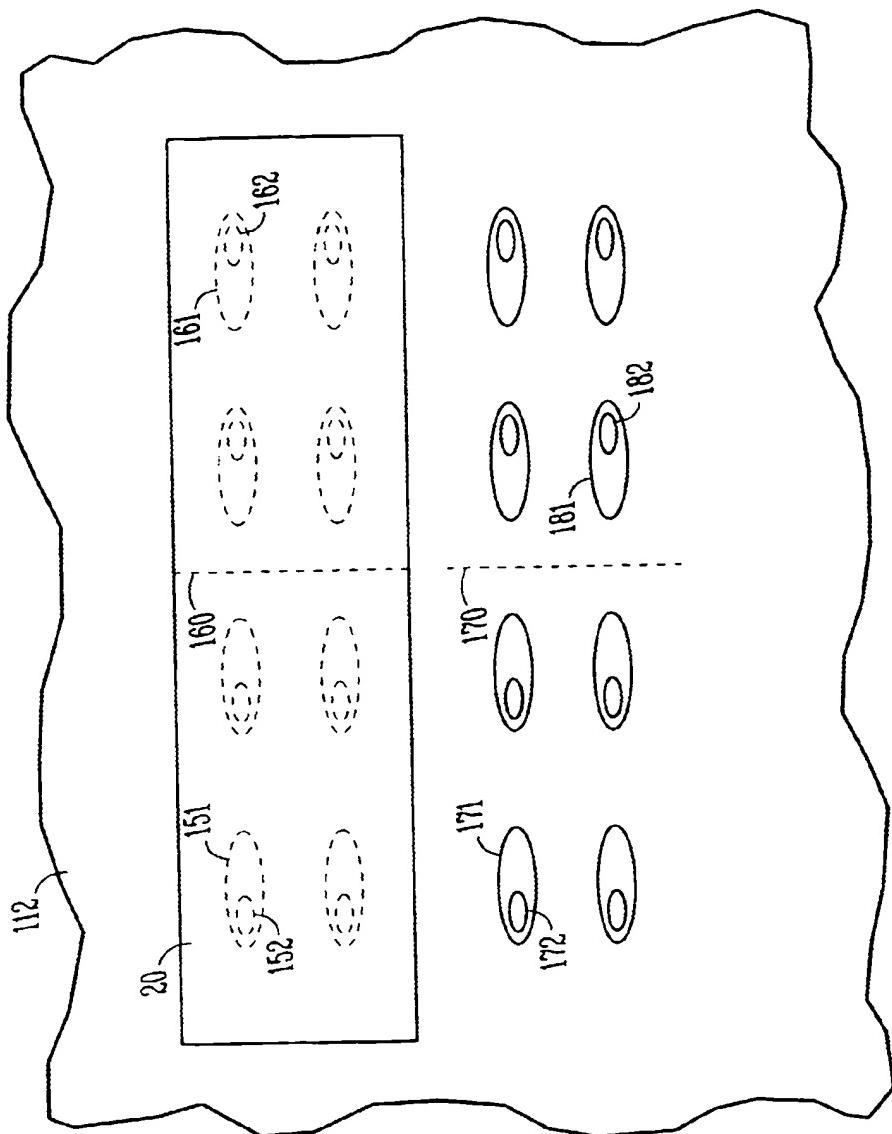


Fig. 9

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TITLE: VIA-IN-PAD WITH OFF-CENTER GEOMETRY  
INVENTORS NAME: Phil Geng et al.  
SERIAL NO.: 09/751,614

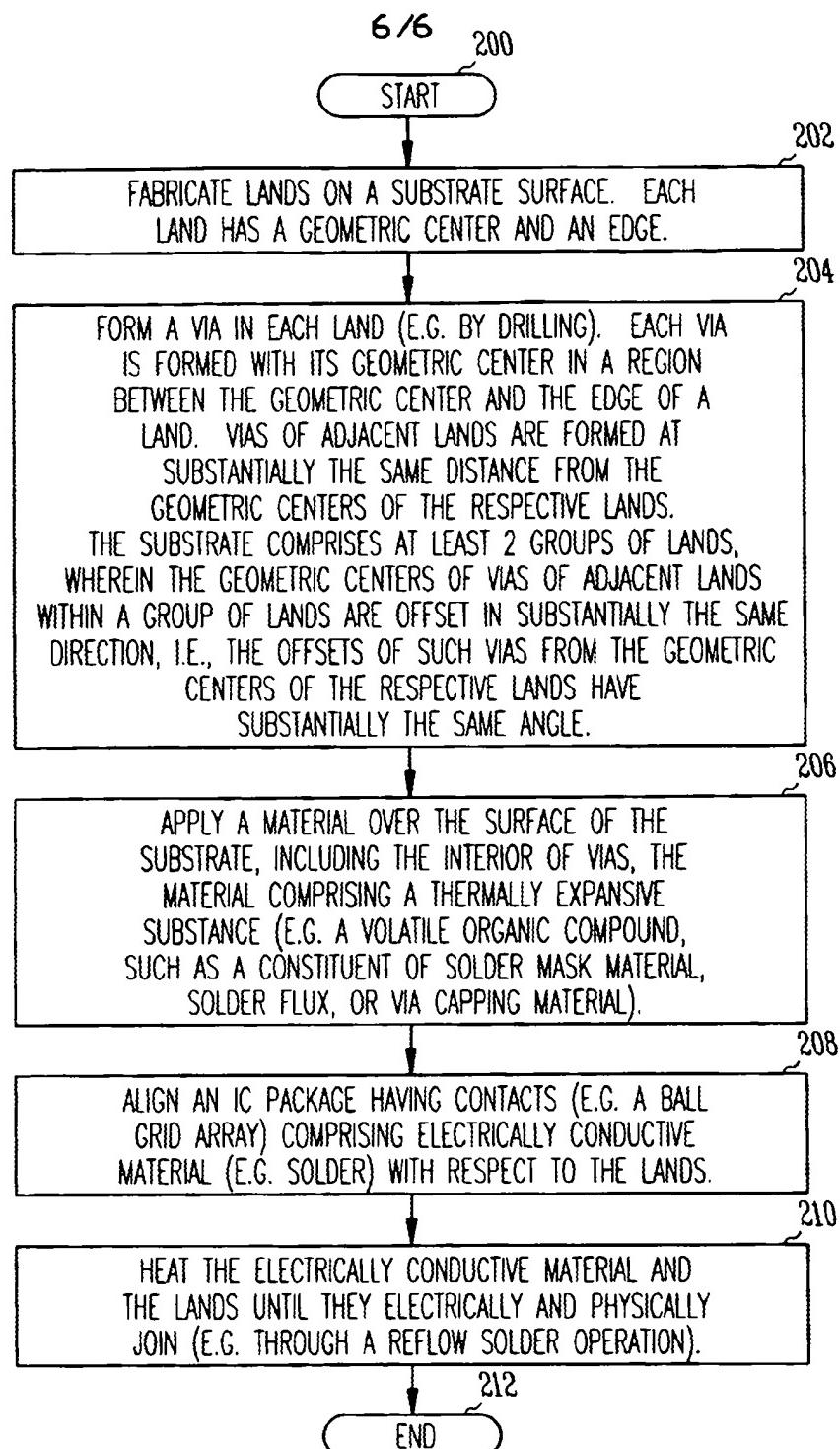


Fig. 10